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(21) International Application Number: PCT/NL99/00468 (22) International Filing Date: 20 July 1999 (20.07.99) (30) Priority Data: 98202466.3 22 July 1998 (22.07.98) EP (71) Applicant (for all designated States except US): ENGELHARD CORPORATION [US/US]; 101 Wood Avenue, Iselin, NJ 08830-0770 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): REESINK, Bernard, Hendrik [NL/NL]; Patrimoniumweg 6, NL-3941 BT Doorn (NL). DIJKSTRA, Willem [NL/NL]; Krunen 4, NL-9023 AG Jorwerd (NL). BERBEN, Pieter, Hildegardus [NL/NL]; Saturnushof 3, NL-3951 EE Maarn (NL). (74) Agent: OTTEVANGERS, S., U.; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>
(54) Title: HYDROGENATION PROCESS (57) Abstract The invention is directed to a process for the hydrogenation of a sulfur containing feedstock, having a sulfur content of less than 50 ppm, wherein the feedstock is hydrogenated in the presence of a precious metal catalyst and a nickel-catalyst, said process being carried out in such a manner, that the feedstock is contacted with a mixture of precious metal catalyst, metal oxide and nickel catalyst, the feedstock is contacted initially with the precious metal catalyst followed by contact with the metal oxide and nickel catalyst, either in combination or sequentially, or the feedstock is contacted first with a mixture of precious metal catalyst and metal oxide, followed by contact with the nickel catalyst.		